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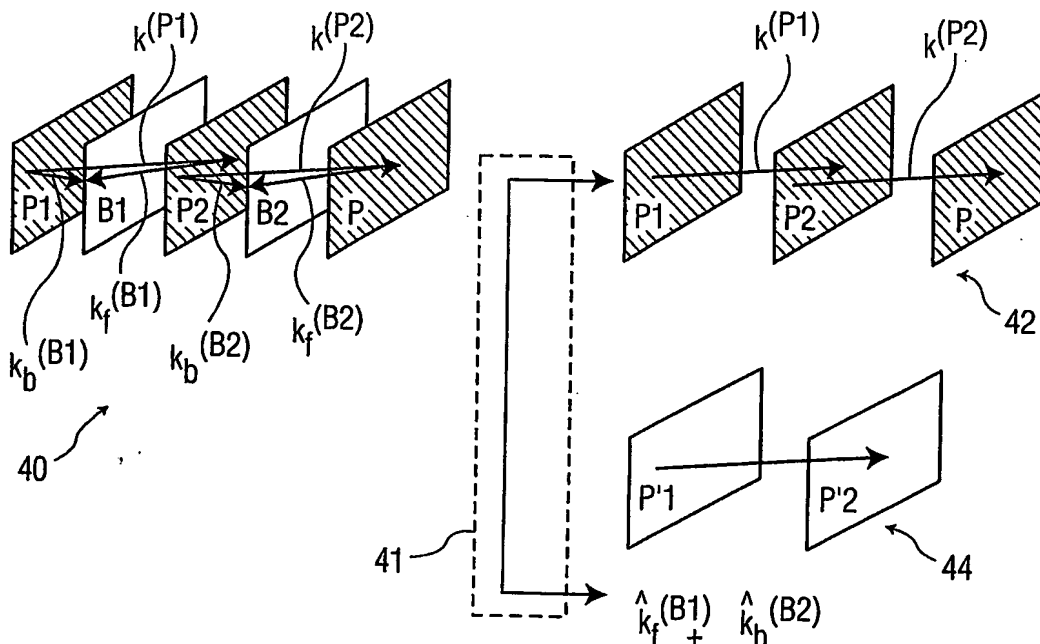
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[Continued on next page]

(54) Title: METHOD OF CODING VIDEO STREAMS FOR LOW-COST MULTIPLE DESCRIPTION AT GATEWAYS



(57) Abstract: The present invention utilizes a data relationship between B-frame motion vectors ($k(B)$) and P-frame motion vectors ($k(P)$) to simplify merging and dividing of multiple descriptions (22, 24) at network nodes (28) such as gateways by avoiding the need to decompress and re-compress at least one of the multiple descriptions.

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ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE,
SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA,
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ning of each regular issue of the PCT Gazette.*

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

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WPI Data, INSPEC, COMPENDEX, EPO-Internal, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	H. RADHA, M. VAN DER SCHAAR: "Partial Transcaling for Wireless Packet Video" 12TH INTERNATIONAL PACKET VIDEO WORKSHOP, 'Online! 24 - 26 April 2002, pages 1-9, XP002271368 Pittsburgh, PA, USA Retrieved from the Internet: <URL:http://www.pv02.org> 'retrieved on 2004-02-26! abstract	1,2,6,7, 14,18-20
A	page 2, paragraph 2 -page 7, paragraph 2; figures 1,3,4 --- -/-	3-5, 8-13, 15-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *G* document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/116715 A1 (APOSTOLOPOULOS JOHN G) 22 August 2002 (2002-08-22)	1,2,6,7
Y	abstract	3-5
A	page 2, right-hand column, paragraph 4 page 4, right-hand column, paragraph 2 -page 10, left-hand column, paragraph 1; figures 1,3,7,12	8-20
X	"INFORMATION TECHNOLOGY - CODING OF AUDIO-VISUAL OBJECTS: VISUAL ISO/IEC 14496-2" INTERNATIONAL ORGANIZATION FOR STANDARDIZATION - ORGANISATION INTERNATIONALE DE NORMALISATION, no. N2202, March 1998 (1998-03), pages 1-329, XP000861689	8-10
Y	page 175, paragraph 1 - last paragraph; figures 7.22,7.23	3-5
A	page 192, paragraph 1 -page 196, last paragraph	1,2,6,7, 11-20
A	D. S. TURAGA, M. VAN DER SCHAAR: "Differential motion vector coding in the MCTF framework" ISO/IEC JTC1/SC29/WG11 M9035, 21 - 25 October 2002, pages 1-10, XP002271369 Shanghai, China page 1, line 1 -page 8, last line; figures 1,2,5,8	1-20

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